

3M Information Services

ETA

Category:
weathering

Title:

Lighting device

Patent Assignee:

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Abstract:

Abstract (Basic): DE 19736189A

NOVELTY - The lighting device has microwave generator to stimulate plasma light emission and filter which comprises a colored filter in radiation path of emitted light, an interference filter and a foil in the radiation path.

DETAILED DESCRIPTION - The lighting device has a plasma lighting body (1) and a microwave generator or amplifier unit to excite the plasma lighting body to light activity with the help of microwave radiation. A light reflector (3) forms a light beam from the emitted light and a filter weakens spectral components selectively in chosen spectral ranges of the emitted light. Preferred spectral ranges are weakened that deviate from the spectrum of natural sunlight. The filter comprises at least one colored filter in the radiation path of the emitted light. It also comprises an interference filter and a foil in the radiation path.

USE - For photograph, television, theater or film.

ADVANTAGE - Reduces non- sunlight spectral components are reduced.

DESCRIPTION OF DRAWING(S) - The figure shows a cross section of the lighting device.

lighting body 1

light reflector 3

control electronics 11

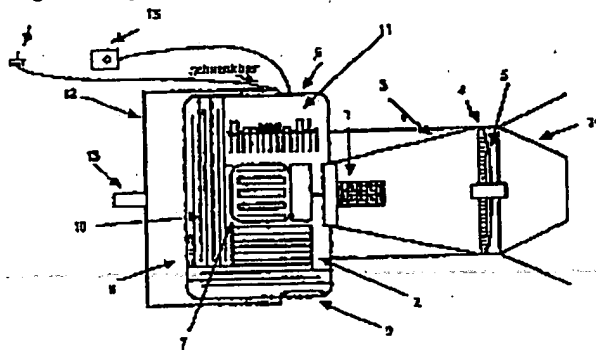
fan 7

lens disk 4,5

Dwg.1/4

Clipped Images:

Engineering Drawing:



Inventors:

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Patent Family: If available, click on fulltext doclink to view the associated fulltext/image doc.

Fulltext	Cntry	Serial	Kind	Date	Week	Pages	Lang
Doclink	DE	19736189	A1	19990225	199916	010	-